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Hal Berghel

 January 1999 **Communications of the ACM**, Volume 42 Issue 1

Publisher: ACM Press

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Teruji Shiroshita, Osamu Takahashi, Shizuo Shiokawa

 October 1997 **Proceedings of the 15th annual international conference on Computer documentation SIGDOC '97**

Publisher: ACM Press

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Feng Tian, Berthold Reinwald, Hamid Pirahesh, Tobias Mayr, Jussi Myllymaki

 June 2004 **Proceedings of the 2004 ACM SIGMOD international conference on Management of data SIGMOD '04**

Publisher: ACM Press

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An XML publish/subscribe system needs to match many XPath queries (subscriptions) over published XML documents. The performance and scalability of the matching algorithm is essential for the system when the number of XPath subscriptions is large. Earlier solutions to this problem usually built large finite state automata for all the XPath subscriptions in memory. The scalability of this approach is limited by the amount of available physical memory. In this paper, we propose an implementation th ...

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C. K. Yuen

 April 1988 **ACM SIGCAS Computers and Society**, Volume 18 Issue 2

Publisher: ACM Press